

## QIS210 Mk0 Hydraulic Power Unit

### DESCRIPTION

A Quantum Integrated System (QIS) hydraulic power unit combines the needs of various hydraulic components on a vessel into one central hydraulic system. Hydraulic consumers such as a stabilizer system, thruster, capstan, anchor winch, passerelle, davit, and crane are easily managed by a carefully crafted distribution system, which enables hydraulic power to be provided to any consumer(s) within the system while keeping the remaining consumers isolated and depowered. The QIS offers precision control of all hydraulic consumers and can be tailored to suit any equipment requirements.

The QIS210 Mk0 power unit has two electric motors and can be augmented by numerous engine mounted pumps, all using the same oil reservoir. The unit also features a sophisticated electronic control system, as well as all components needed to meet the system's power, cooling, filtration, and feedback needs incorporated into a single assembly. Designed to consolidate maximum output into a small footprint.

### FEATURES:

**SIMPLE INSTALLATION:** The QIS210 Mk0 is designed to incorporate maximum hydraulic function within a single assembly. Easy connections for mechanical installation and hydraulic and cooling pipe work are in the design.

**EFFICIENT:** It only draws the minimum power to operate the hydraulic components in demand and automatically shuts down the electric motors with no demand, reducing the load on the electrical power and cooling systems.

**MINIMAL NOISE:** There is a three-point isolation system to bring both noise and vibration levels down. Hydraulic noise suppressors are attached directly at pump discharge to minimize noise in the pipes.

**APPEARANCE:** The durable high gloss paint finish, polished stainless steel tubing and black anodized reflects the attention to detail, resulting in exceptional marine-grade fit and finish.



Operating Capacity*	45kW (60hp)
Operating Pressure	275bar (4000psi)
Tank Capacity	602L (159Gal)
Length (overall)**	1438mm (57")
Height (overall)**	1778mm (70")
Depth (overall)**	980mm (39")
Weight Inc. (dry)	1321kg (2912lbs)

*\*Provided for reference only. Consult a Quantum representative for system sizing.  
\*\* Dimensions are of the equipment, and do not include service allowances.*

*All information contained within this document remains the absolute property of the Quantum Group and is subject to change at any time. Any use of the information for other than the intended purpose is expressly forbidden. Consult a Quantum representative for more information.*

*Equipment is covered by Quantum's 1-year comprehensive warranty.  
Service and technical support are available worldwide.*